

## The Aspekt Experiment (closed 1983)

(New Introduction)

The Philosophy of DM has been appearing recently in the popular and semi-popular press.

Ex 1 In Nov 1979 D'Souza published an article in Scientific American with the title "The Quantum theory and Reality". The Sub-heading read as follows:  
"The doctrines of the world as made up of objects whose existence is independent of human consciousness turn out to be in conflict with DM and with facts established by experiment".

This caused a furor among physicists and also spread among philosophers. How could opponents prove the non-existence of an objective world? (cf. Berkeley's argument v. Hume's scepticism) - to argue that we feel that smelly's existence cannot be proved to the mind of its non-existence).

Well what are the experiments which involve us to do aspects rather

2 On 28<sup>th</sup> Aug 1981 The Times carried a report. "Hardon Events won an Einstein". The panel promoters were the experiment referred to was apparently a celebration run for Aspekt's soft-

Note: There are 3 Aspect Experiments

1981 1) More precise version of the Freedman-Davies  
Aspect (1972)

1982 2) The Aspect-Rapisarda aspect - with  
2-channel polarisers resulting  
in a so-called 4-cone effect  
experiment. Similar aspect is  
being carried out at Catania  
by Rapisarda's group.

1982 3.) The True Aspect Experiment  
with the optical superlens

In 1951 he was invited to speak at the  
Second International Conference on  
Agricultural Cooperation in Peking.  
He returned to China in 1957 and  
lived there until his death in 1964.  
He died in Peking in 1964.

the following is a brief description of the various types of  
solid wastes and their disposal methods.

After his son had  
been arrested by  
police he got  
scared and  
killed his wife.

Can we do better? Semi-global methods are the same as the global ones but miss out the part of the process of finding the global optimum.

PF. # 23, 303-3012

perfected by 1981 (1981) 23(1) 300-330

4) Electro & Molecular Model for the surface of water (conductor & dielectric )

Fluorescent  $\rightarrow$  fluorescence

- Kasday et al. (1975)
- Fawcett et al. (1974)
- X
- Burns et al. (1977)
- Y
- Lam, Bucci, Vigne (1976)

3)  $\frac{d}{dt} \ln \text{Mean free path} = -\frac{1}{2} \cdot \left( \frac{\partial \ln \text{Mean free path}}{\partial T} \right)_{\text{constant}} \cdot \left( \frac{\partial T}{\partial t} \right)_{\text{constant}}$

Lamont - Radhakrishna

2)  $\text{Cu}-\text{O}_{2}\text{H}_2\text{O} \rightarrow \text{CuO}$

(stabil position)  $\Rightarrow$

(a) *and off the streets*  
(b) *and other things*  
(c) *(1982)*

(1861) 120(56)  
(1861) 120(56)

(1976) *Electoral and Social Change in Latin America* (1981)

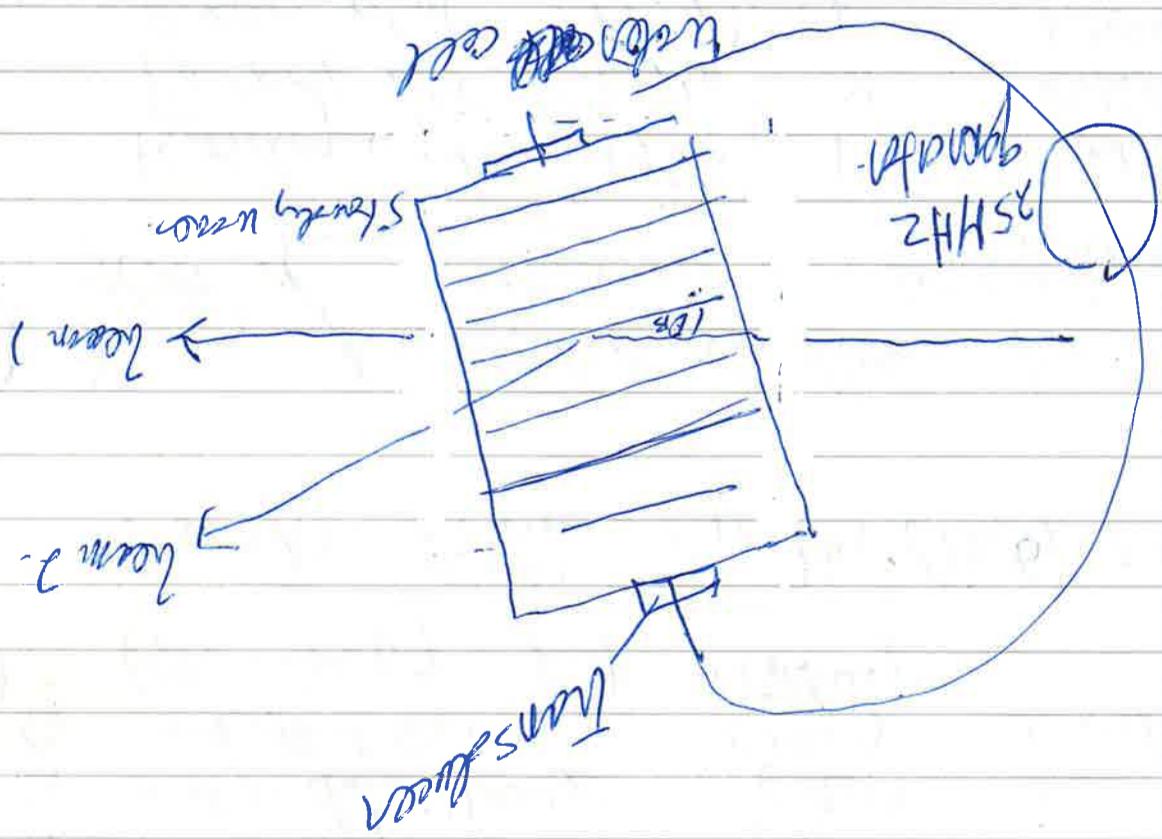
(a) Floodwater, Eluvium (1972)      Wetland (1972)

# VISUAL COMMUNICATION

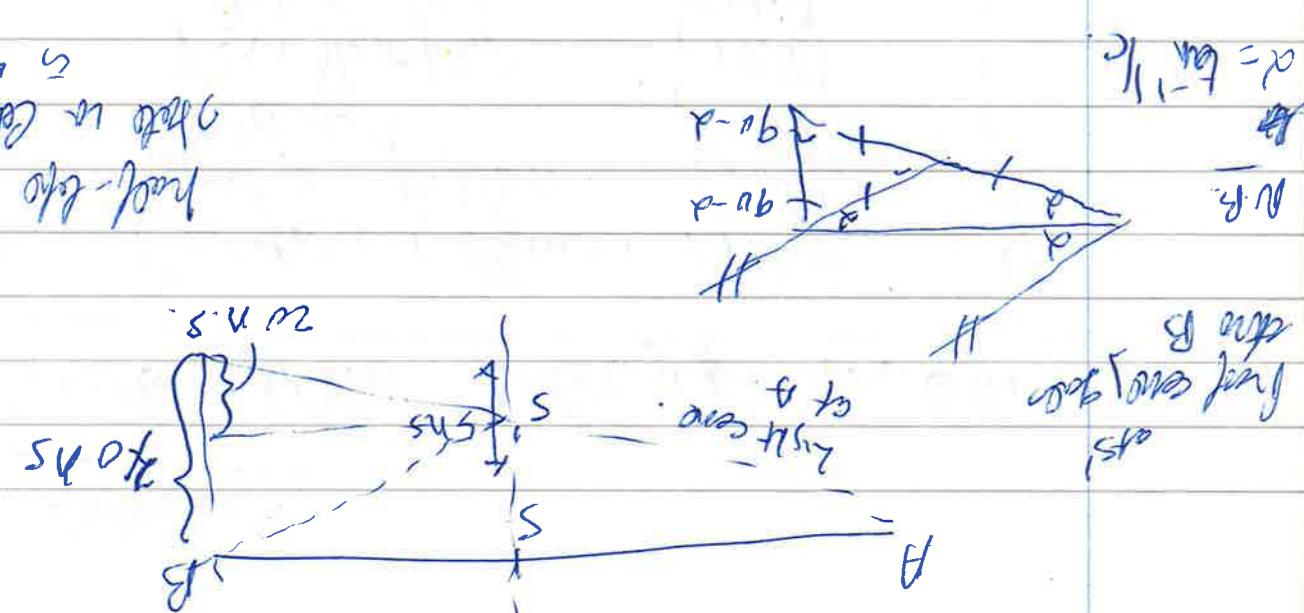
The chromosomes

V.F. The is intended to focus on different techniques  
 The focus is to turn the  $\text{SiO}_2$  into  $\text{Si}_3\text{N}_4$   
 The silicon nitride has to be removed after the diffusion  
 In the process to the source and drain to form the source and drain  
 In the end to turn the  $\text{Si}_3\text{N}_4$  into  $\text{Si}$

$$\text{Hence area of } \Delta B = 5 \times 10^{-3} \text{ and } \frac{1}{2} \times 10^{-3} \text{ and } \Delta B = 10 \times 10^{-3}$$

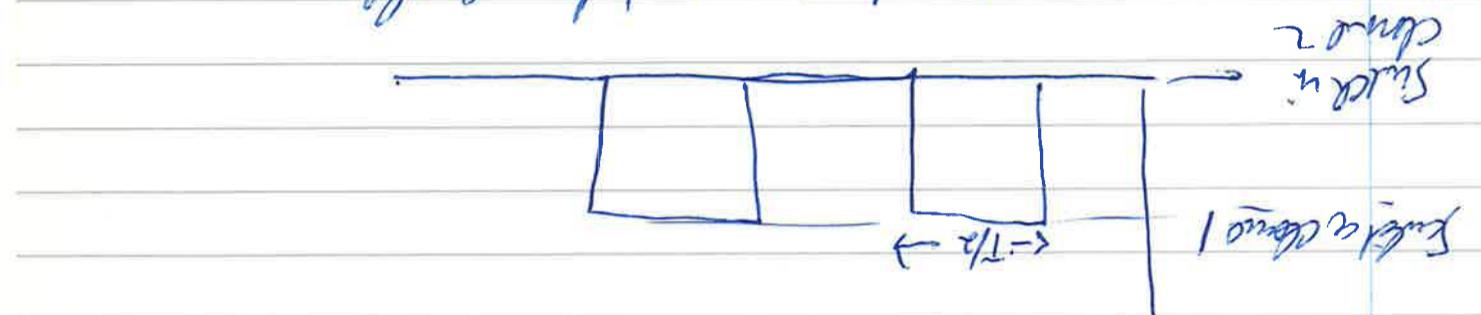


half-life width  
 half-life period  
 half-life constant



Sum of wave in each cell = Sum of wave in each cell in which wave is studied

$T = \text{length of junction cell}$

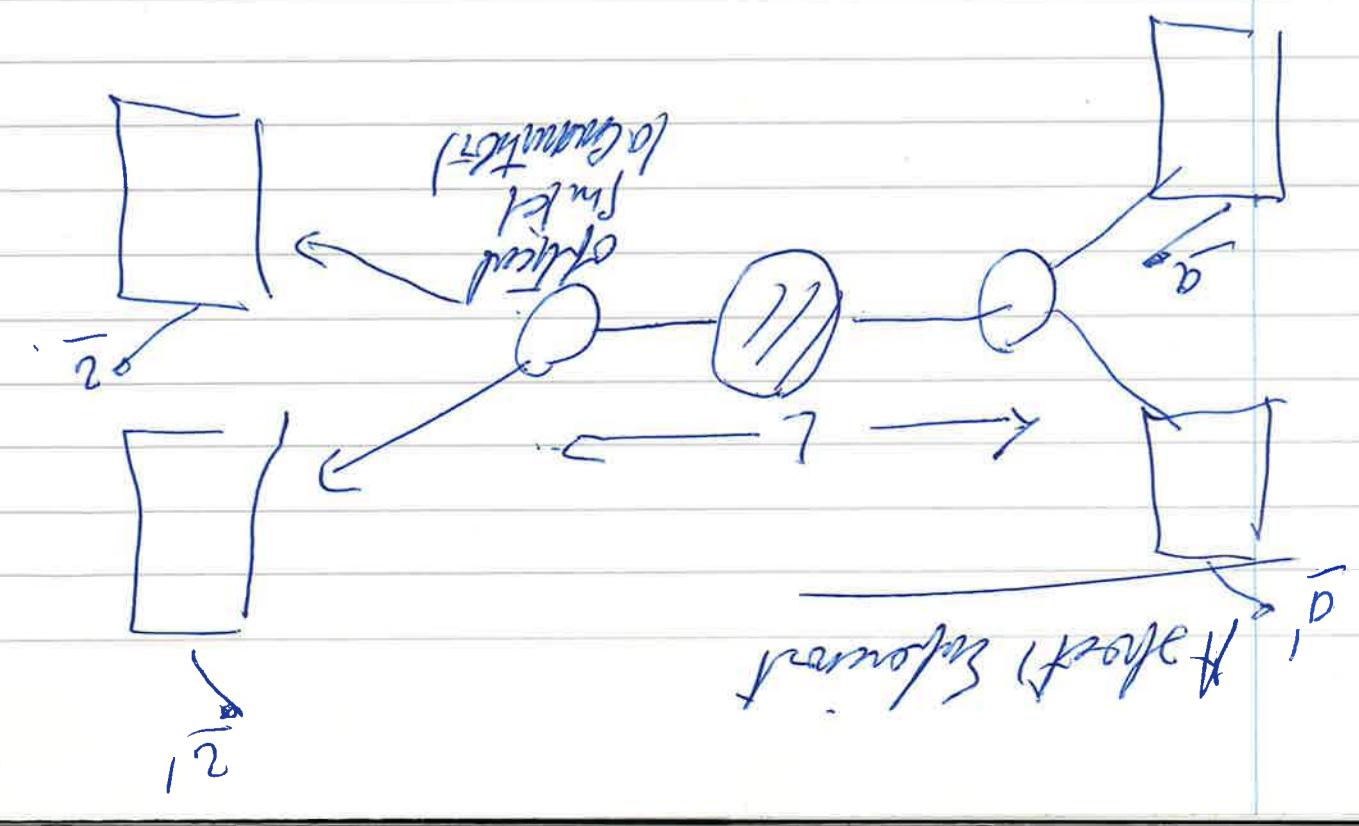


In each cell different frequency wave is produced ~~in each cell different frequency wave is produced~~ ~~in each cell different frequency wave is produced~~

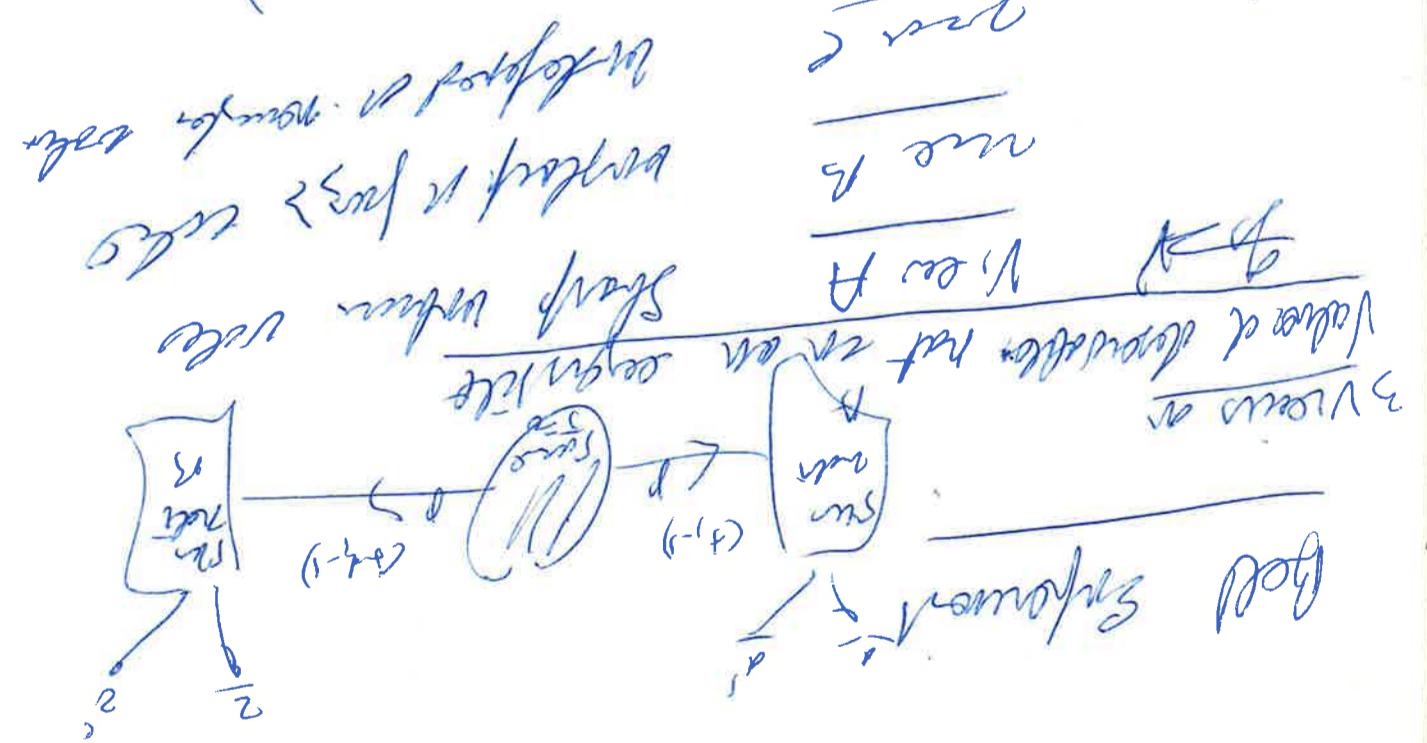
$$\frac{1}{2} \cdot 10^{-8} \text{ sec} = 10^{-8} \text{ sec} = 10^{-8} \text{ sec} = 10^{-8} \text{ sec}$$

Frequency of wave in each cell ~~frequency of wave in each cell~~ ~~frequency of wave in each cell~~

$$f = \frac{c}{\lambda} = \frac{3 \times 10^8 \text{ m/sec}}{10^{-8} \text{ sec}} = 3 \times 10^{16} \text{ Hz}$$



$$(R/2)(1 - R^2 \cdot 11\%) \approx 18.5 \text{ M}$$



5. Gevallen van de dwarsdelen

Werkelijkheid, wettig + legaal daad

- - - lasten en effecten

Part A Lecture 3

Ques

Bedded Chert  $\rightarrow$  Part A Lecture 3

QH + VSG, & Pyroclastic  
(Pyroclastic flow + VSG, & Pyroclastic flow)

Ques

Beds, joints, fissures

Ques

Lignite, different (Ridge & Valley valley)

Ques

The EPR Ridge

There is also bedding joint effect

Ques

There is a lot more joint effect

Ques

More in sedimentary rock than in metamorphic

Ques

Pyrite - FeS<sub>2</sub> = Fe + (FeS) - (FeS) + Fe

Ques

EPR ridges

(part 3 from 3/2) System of joints

Pyrite - FeS<sub>2</sub> = Fe + (FeS) - (FeS) + Fe

Hydrocarbon (Oil, gas, coal, oil shale, tar sand, asphalt, bitumen, etc.)

Summary lesson

The answer now to the Ques (BGS)

(Proteins Cosubstrate)

the collector Cys, Cys and Ser (2) ser

leucine proline and methionine

lysine arginine and histidine (9) his

arginine and threonine

threonine and serine (1) ser

proline and glutamine (6) glu

proline and glutamate (7) glu

lysine and asparagine (29) asn

lysine and aspartate (30) asp

arginine and histidine (2) his

arginine and asparagine (3) asn

arginine and aspartate (3) asp

arginine and threonine (3) thr

1) Forces between elements of different materials —  
Law of interaction  $\propto$  product of forces  
and of materials  $f_{ij}(r) = k \frac{F_i}{r^2}$

But  $F_i = \frac{k_i}{r^2} \cdot r^2 = k_i r$   
so  $F_{ij} = k_i r_j + k_j r_i$

$$f_{ij} = f_i(r_{ij}) f_j(r_{ij}) =$$

$$\left( \frac{1}{r_i} \right) \left( \frac{1}{r_j} \right) \left( \frac{1}{r_{ij}} \right)^2 \left( F_i(r_i) F_j(r_j) \right)$$

Show 19  
Show 19

3) Inertia force of a rigid body

2) Momentum of a rotating body

1) Force of rotation  $\propto$  moment of inertia  
of body  $\propto$  angular velocity

← ← ←

Handwritten

① off my

High interference  $\rightarrow$  small  $\downarrow$

• 2012 no, 10 day of Sept, from Mrs

Costs of living & wages

Wist du sonst von?

Why is *positive* more *positive* than *negative*?

Westerdijkia *lutea* (L.) Kuntze  
Westerdijkia *lutea* (L.) Kuntze

Summary of the discussion

Students of Mrs. (Mrs.)

Enclosed with

Geometric Morphs